

Enabling WS GRAM for OSG/EGEE Report

1. Completed work, part of GT 4.2.1 release:GT
 1. Java security:
 1. XACML Authorization callout PDP to allow any GT Java WS service to talk to an XACMLAuthorization service
 2. XACML PIPs that sets up subject and resource attributes as defined in the OSG/EGEE interop profile
 3. VOMS PIP to parse proxy with Attribute Certificate.
 4. VOMS PIPs that sets up subject attributes as defined in OSG/EGEE interop profile
 5. WS GRAM
 1. Authorization interceptors that set up action/resource attributes based on GRAM request as defined in OSG/EGEE interop profile
 2. Testing
 1. Shows callout works with GUMS/SCAS
 2. Should be able to run a simple GRAM job without (delegation/transfer, see below).
2. Known outstanding work
 1. Modify RFT to allow use of GUMS and change resource authorization to allow group accounts (rather than DN)
 2. Modify Delegation service to allow use of GUMS and change resource authorization to allow group accounts (rather than DN)
 3. Modify GridFTP to use GUMS (use PRIMA for this)
 4. GRAM to support uid (rather than require username)
 5. Automated testing across components for profile compliance.

Summary

Current effort will demonstrate ability for Globus component to callout to GUMS/SCAS and work with VOMS. For production use of this without GridMap file, outstanding items need to be completed.

Follow-up:

1. VDT team on plans for GT 4.2.x distribution
2. Based on above, plan time lines and resource for outstanding work.